



261 Mountain View Dr
 Colchester, VT 05446
 License #: TLAB0030
 802-767-7256
 info@vt.steepphill.com

Certificate of Analysis

Client Name: Full Circle Farms
License Number: CLVT-0051

Sample ID: VT114
Sample Description: VT Pineapple Diesel
Sample Name: VT Pineapple Diesel
Sample Matrix: Flower
Date Received: 11/14/2022
Date Reported: 12/6/2022



Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-VT) | Test ID: #193

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBDV	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.3118	13.118	1.4106	14.106	0.0001	0.0040
THCVA	0.136	1.36	0.1462	1.462	0.0002	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBCVA	ND	ND	ND	ND	0.0004	0.0040
D9 THC	0.1671	1.671	0.1796	1.796	0.0016	0.0049
D8 THC	ND	ND	ND	ND	0.0012	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D10 THC	ND	ND	ND	ND	0.0004	0.0040
CBC	ND	ND	ND	ND	0.0003	0.0040
THCA	17.5369	175.369	18.8568	188.568	0.0002	0.0040
CBCA	1.0313	10.313	1.1089	11.089	0.0002	0.0040

Total Cannabinoids				
	% (Dry)	mg/g (Dry)	%	mg/g
Total THC:	15.547	155.470	16.717	167.170
Total Cannabinoids:	20.183	201.831	21.702	217.021

Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Moisture & Water Activity PASS

Water Activity and Moisture Content Analysis (SOP-202-VT) | Test ID: #251

Analyte	Result (%)	Limit	Pass/Fail
Moisture	7.00	13	PASS
Water Activity	0.52	0.65	PASS



In performing the services, Steep Hill Vermont Labs, ("SHVT") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require SHVT to make judgements based upon limited data rather than upon scientific certainties; (b) SHVT's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) SHVT renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with SHVT's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by SHVT or other parties), and reliance upon any SHVT report without reference to any such other reports is done at client's sole risk.





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Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-VT) | Test ID: #256

Analyte	Result	Pass/Fail
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS

Callie Chapman
 Lab Director
 12/6/2022



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Certificate of Analysis

Client Name: Full Circle Farms
License Number: CLVT-0051

Sample ID: VT75
Sample Name: Vermont Pineapple Diesel
Sample Lot: CLVT-0051-002-005
Sample Matrix: Flower
Date Received: 11/7/2022
Date Reported: 1/27/2023



Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-VT) | Test ID: #118

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
α-Pinene	< LOQ	< LOQ	0.004	0.013
Camphene	ND	ND	0.003	0.009
β-Pinene	< LOQ	< LOQ	0.004	0.013
Myrcene	0.1191	1.191	0.004	0.014
3-Carene	ND	ND	0.003	0.009
α-Terpinene	ND	ND	0.004	0.025
Isopropyl Toluene	ND	ND	0.005	0.016
Limonene	0.2945	2.945	0.004	0.012
Cineole	ND	ND	0.003	0.009
Ocimene	ND	ND	0.004	0.012
gamma-Terpinene	ND	ND	0.005	0.015
α-Terpinolene	ND	ND	0.005	0.014
Linalool	< LOQ	< LOQ	0.005	0.014
Isopulegol	ND	ND	0.004	0.012
Geraniol	ND	ND	0.011	0.034
trans-Caryophyllene	1.6355	16.355	0.004	0.013
α-Humulene	0.6938	6.938	0.003	0.009
Nerolidol	1.7851	17.851	0.011	0.034
Caryophyllene Oxide	< LOQ	< LOQ	0.006	0.017
Guaiol	ND	ND	0.003	0.009
α-Bisabolol	ND	ND	0.005	0.014

Callie Chapman
 Lab Director
 1/27/2023



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Certificate of Analysis

Company: Full Circle Farm LLC
 PO Box 4391
 Burlington, VT 05406
Customer ID: 221021-2
Grower License #: CLVT-0051

Sample ID: Harvest Lot 2022
Lot: N/A
Matrix: Flower
Date Sampled: N/A
Date Received: 10/21/2022

Report Date: 11/17/2022
Date Analyzed: 11/15/2022
Analyst: 45
Report ID: C221021AJ

Pesticides/Mycotoxins Summary

Category II Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Abamectin	0.0100	<LOQ
Acephate	0.0010	<LOQ
Acequinocyl	0.0010	<LOQ
Azoxystrobin	0.0010	<LOQ
Bifenazate	0.0010	<LOQ
Bifenthrin	0.0010	<LOQ
Carbaryl	0.0010	<LOQ
Cypermethrin	0.0100	<LOQ
Etoxazole	0.0010	<LOQ
Imidacloprid	0.0010	<LOQ
Myclobutanil	0.0010	<LOQ
Pyrethrin I	0.0010	<LOQ
Pyrethrin II	0.0010	<LOQ
Spinosyn A	0.0010	<LOQ
Spinosyn D	0.0010	<LOQ

Category II Mycotoxin	LOQ (ppm)	Concentration (ppm)
Ochratoxin A	0.0020	NOT TESTED
Aflatoxin B1	0.0002	NOT TESTED
Alfatoxin B2	0.0010	NOT TESTED
Alfatoxin G1	0.0002	NOT TESTED
Alfatoxin G2	0.0010	NOT TESTED

Category I Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Chlorpyrifos	0.0010	<LOQ
Imazalil	0.0010	<LOQ

14.44%

**Percent
Moisture**



LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

ppb = parts per billion

Pesticides/Mycotoxin Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

Certified by: *Luke E. M.*
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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 Results apply to the samples as received.